

Computing and Software 734
Formalized Mathematics
Fall 2006

Exercise 1

20 pts.

Due 28 September 2006

Assigned: 12 September 2006

Revised: 12 September 2006

The 02 Review of Mathematical Logic slides include a presentation of the syntax and semantics of STT (see slides 21–28). Using this presentation as a model, give the syntax and semantics of many-sorted first-order logic.